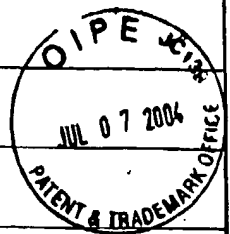


Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
I24986Serial No.
10/815, 194INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)Applicant
Tetsuji SHONOFiling Date
April 1, 2004Group
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2004	/0	0	4	2	0	9	5	03/04/04	NOMURA		
		2004	/0	0	4	2	0	9	3	03/04/04	NOMURA		
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			4	6	4	3	5	5	5	02/17/87	WAKABAYASHI		
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			4	7	9	2	8	2	2	12/20/88	AKIYAMA et al.		
			5	8	1	8	6	4	7	10/06/98	NISHIO et al.		
			6	0	3	1	9	9	8	02/29/00	SHONO		

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		4	4	5	1	1	2	9	05/29/84	IKARI et al.		
		4	6	4	3	5	5	4	02/17/87	OGAWA		
		4	7	7	1	3	0	3	09/13/88	MATSUMOTO et al.		
		4	8	8	7	1	0	7	12/12/89	NAKAMURA et al.		
		5	1	3	6	3	2	4	08/04/92	TSUBOI et al.		
		5	7	6	5	0	4	9	06/09/98	HASE et al.		
		5	8	3	2	3	2	6	11/03/98	TANAKA		
		6	3	6	6	3	2	3	04/02/02	SHONO		
		6	1	1	5	1	9	0	09/05/00	HIRAI		
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		5	4	3	0	5	1	6	07/04/95	UZIIE et al.		
	2003	/0	0	8	1	9	4	8	05/01/03	NOMURA et al.		
	2001	/0	0	1	9	4	5	8	09/06/01	NOMURA et al.		
		4	9	9	3	8	1	5	02/19/91	YAMAZAKI et al.		

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<i>[Signature]</i>		5 7 3 1 9 1 3	03/24/98	IMANARI			
<i>[Signature]</i>		5 7 3 9 9 6 2	04/14/98	ASAKURA et al.			
<i>[Signature]</i>	2003 /0	1 5 6 8 3 2	08/21/03	NOMURA et al.			
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<i>[Signature]</i>		5 2 2 3 8 7 3	06/29/93	TSUBOI			
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<i>[Signature]</i>		6 3 2 4 0 1 9	11/27/01	TAKANASHI et al.			
<i>[Signature]</i>		5 4 8 5 3 1 5	01/16/96	NOMURA et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>[Signature]</i>	58	- 1 4 5 9 3 0	08/31/83	JAPAN			
<i>[Signature]</i>	61	- - 6 9 0 0 2	04/09/86	JAPAN			
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<i>[Signature]</i>	58	- 1 0 7 0 8	01/21/83	JAPAN			
<i>[Signature]</i>	2	3 4 4 6 6 1	06/14/00	UNITED KINGDOM			

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
		2 2 6 2 3 5 6	06/16/93	UNITED KINGDOM				
	2003	- 2 0 7 7 0 9	07/25/03	JAPAN				
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		2 3 4 4 6 6 2	06/14/00	UNITED KINGDOM				
		2 2 6 1 2 9 8	05/12/93	UNITED KINGDOM				
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	10	- 2 8 2 3 9 4	10/23/98	JAPAN				
	58	- 1 6 2 9 1 4	09/27/83	JAPAN				
		0 6 3 4 6 8 0	01/18/95	E.P.O.				
		10 - 3 2 7 4 0	02/03/98	JAPAN			X	
	7	- 2 8 8 7 2 4	10/31/95	JAPAN			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	English Language Abstract of JP 58-10708.
2	English Language Abstract of JP 2003-207709.
3	English Language Abstract of JP 2002-277719.
4	English Language Abstract of JP 10-282394.
5	English Language Abstract of JP 58-162914.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Tetsuji SHONO	
		Filing Date April 1, 2004	Group 2612

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS S	SUBCLASS	FILING DATE IF APPROPRIATE
	4 9 3 7 6 0 9	06/26/90	WAKABAYASI et al.			
	4 9 7 4 9 4 9	12/04/90	TANAKA			
	5 0 9 9 2 6 3	03/24/92	MATSUMOTO et al.			
	5 2 1 0 6 4 4	05/11/93	NOMURA			
	5 3 7 6 9 8 3	12/27/94	YAMAZAKI et al.			
	5 6 3 6 0 6 2	06/03/97	OKUYAMA et al.			
	5 8 7 0 2 3 2	02/09/99	TSUJI et al.			
	5 9 1 2 7 7 2	06/15/99	AOKI			
	5 5 4 8 4 4 6	08/20/96	ENOMOTO			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

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